

Rat Glutathione Reductase (GR) RTU ELISA Kit | GR rtu elisa kit

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CATALOG #
AAA71036

REACTIVITY
Rat

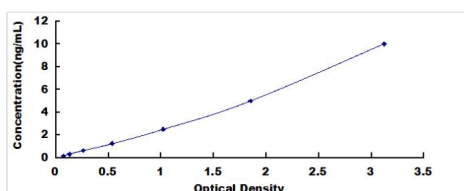
PRODUCT SYNONYMS

Glutathione Reductase (GR); Rat Glutathione Reductase (GR) ELISA Kit; GSR; GLUR; GRD1; Glutathione reductase; mitochondrial; GR rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	410
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.066ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GR rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to GR. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to GR. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain GR, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of GR in the samples is then determined by comparing the O.D. of the samples to the standard curve

NCBI AND UNIPROT INFORMATION

NCBI GI #

309319801

NCBI GeneID	116686
NCBI Accession #	NP_446358.2
NCBI GenBank Nucleotide #	NM_053906.2
UniProt Accession #	F1LRE1 ; P70619
Molecular Weight	44,789 Da
NCBI Official Full Name	glutathione reductase
NCBI Official Synonym Full Names	glutathione-disulfide reductase
NCBI Official Symbol	Gsr
NCBI Protein Information	glutathione reductase
UniProt Protein Name	Glutathione reductase
UniProt Gene Name	Gsr

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-rtu-elisa-kits/glutathione-reductase-gr/71036>